

Fig.1 (a)

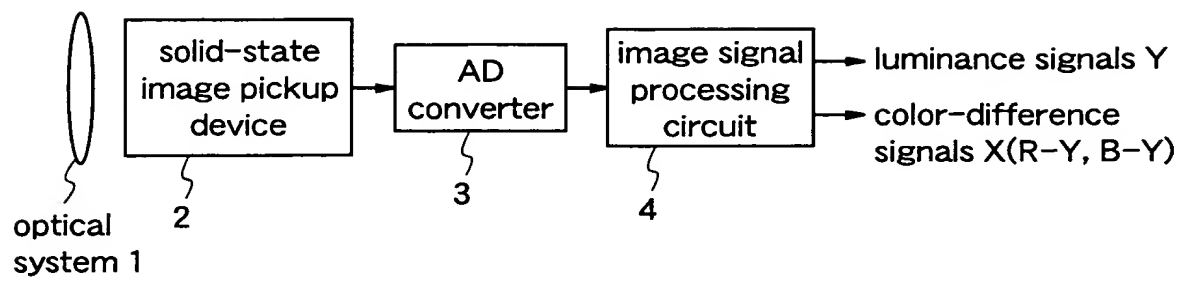


Fig.1 (b)

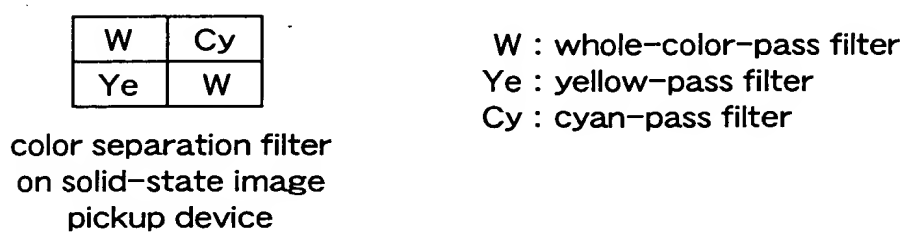


Fig.1 (c)

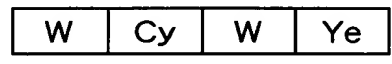


Fig.2 (a)

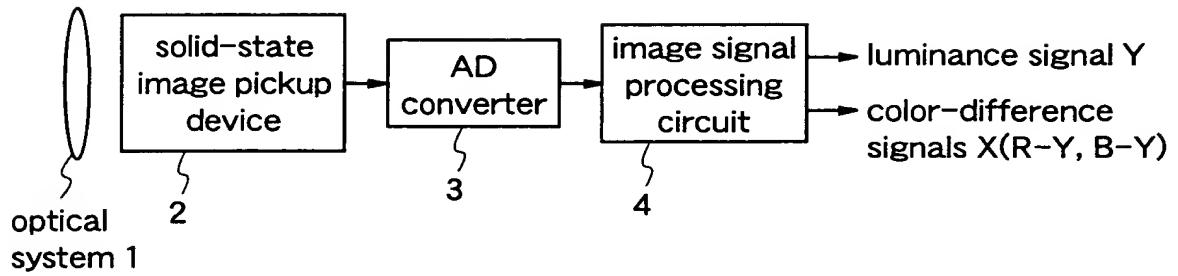


Fig.2 (b)

$\begin{array}{c} h \\ \backslash v \end{array}$	0	1	2	3	...
0	Mg	G	Mg	G	...
1	Cy	Ye	Cy	Ye	...
2	G	Mg	G	Mg	...
3	Cy	Ye	Cy	Ye	...
4	Mg	G	Mg	G	...
5	Cy	Ye	Cy	Ye	...
6	G	Mg	G	Mg	...
7	Cy	Ye	Cy	Ye	...
...
...

Mg : magenta
 G : green
 Cy : cyan
 Ye : yellow

$\begin{array}{c} h \\ \backslash v \end{array}$	0	1	2	3	...
0	Y	Y	Y	Y	...
1	Y	Y	Y	Y	...
2	Y	Y	Y	Y	...
3	Y	Y	Y	Y	...
4	Y	Y	Y	Y	...
5	Y	Y	Y	Y	...
6	Y	Y	Y	Y	...
7	Y	Y	Y	Y	...
...
...

Y : luminance signals

$\begin{array}{c} h \\ \backslash v \end{array}$	0	1	2	3	...
0	X	X	X	X	...
1	X	X	X	X	...
2	X	X	X	X	...
3	X	X	X	X	...
4	X	X	X	X	...
5	X	X	X	X	...
6	X	X	X	X	...
7	X	X	X	X	...
...
...

X : color-difference
 signals
 (R-Y/B-Y)

Fig.3 (a)

$v \backslash h$	0	1	2	3	...
0	W	Cy	W	Cy	...
1	Ye	W	Ye	W	...
2	W	Cy	W	Cy	...
3	Ye	W	Ye	W	...
4	W	Cy	W	Cy	...
5	Ye	W	Ye	W	...
6	W	Cy	W	Cy	...
7	Ye	W	Ye	W	...
...
...

$v \backslash h$	0	1	2	3	...
0	Y	Y	Y	Y	...
1	Y	Y	Y	Y	...
2	Y	Y	Y	Y	...
3	Y	Y	Y	Y	...
4	Y	Y	Y	Y	...
5	Y	Y	Y	Y	...
6	Y	Y	Y	Y	...
7	Y	Y	Y	Y	...
...
...

$v \backslash h$	0	1	2	3	...
0	R-Y	R-Y	...	...	...
1	B-Y	B-Y	...	...	...
2	R-Y	R-Y	...	...	...
3	B-Y	B-Y	...	...	...
4	R-Y	R-Y	...	...	...
5	B-Y	B-Y	...	...	...
6	R-Y	R-Y	...	...	...
7	B-Y	B-Y	...	...	...
...
...

Fig.3 (b)

$v \backslash h$	0	1	2	3	...
0	W	Cy	W	Ye	...
1	W	Cy	W	Ye	...
2	W	Cy	W	Ye	...
3	W	Cy	W	Ye	...
4	W	Cy	W	Ye	...
5	W	Cy	W	Ye	...
6	W	Cy	W	Ye	...
7	W	Cy	W	Ye	...
...
...

$v \backslash h$	0	1	2	3	...
0	Y	Y	Y	Y	...
1	Y	Y	Y	Y	...
2	Y	Y	Y	Y	...
3	Y	Y	Y	Y	...
4	Y	Y	Y	Y	...
5	Y	Y	Y	Y	...
6	Y	Y	Y	Y	...
7	Y	Y	Y	Y	...
...
...

$v \backslash h$	0	1	2	3	...
0	R-Y/B-Y	R-Y/B-Y	...	...	...
1	R-Y/B-Y	R-Y/B-Y	...	...	...
2	R-Y/B-Y	R-Y/B-Y	...	...	...
3	R-Y/B-Y	R-Y/B-Y	...	...	...
4	R-Y/B-Y	R-Y/B-Y	...	...	...
5	R-Y/B-Y	R-Y/B-Y	...	...	...
6	R-Y/B-Y	R-Y/B-Y	...	...	...
7	R-Y/B-Y	R-Y/B-Y	...	...	...
...
...

Fig.4 (a)

W	W
Cy	Ye

Fig.4 (b)

W	Cy
W	Ye

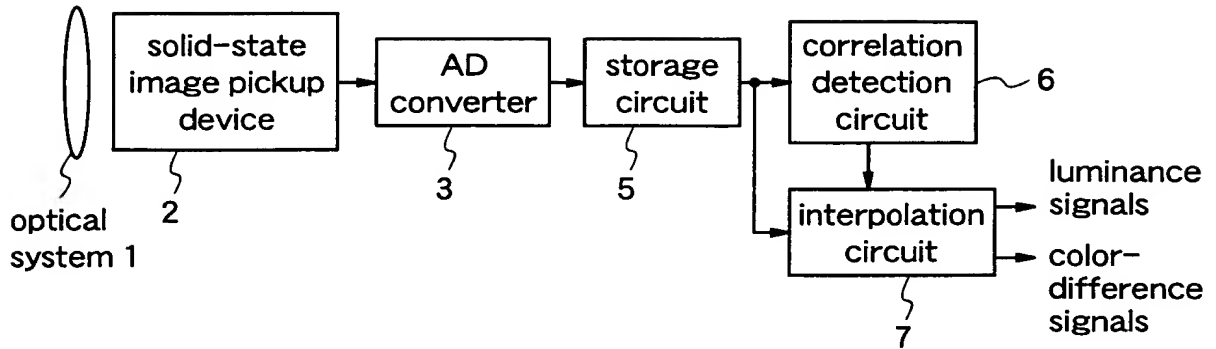
Fig.5 (a)

W	Cy	W	Ye
Cy	W	Ye	W

Fig.5 (b)

W	Cy	W	Ye
Ye	W	Cy	W

Fug.6 (a)



Fug.6 (b)

W	Cy	W	Cy	W	Cy
Ye	W	Ye	W	Ye	W
W	Cy	W	Cy	W	Cy
Ye	W	Ye	W	Ye	W
W	Cy	W	Cy	W	Cy
Ye	W	Ye	W	Ye	W

Fug.7

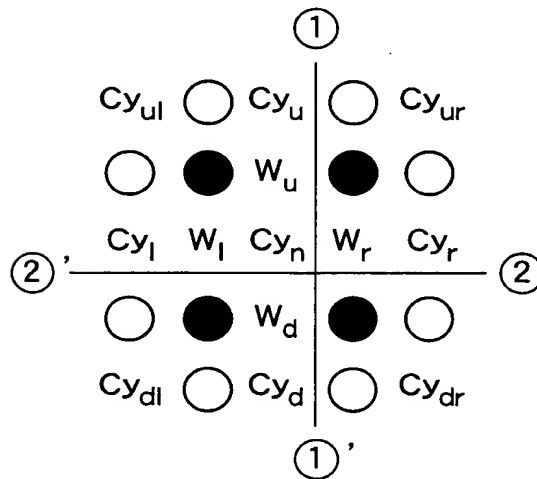


Fig.8

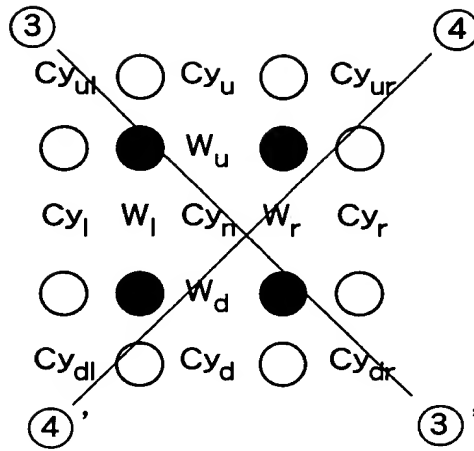


Fig.9

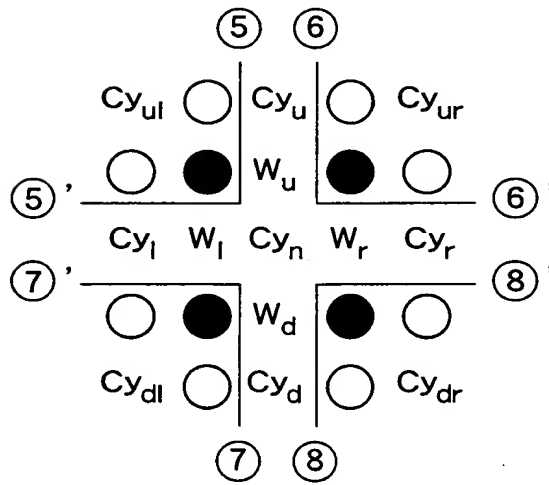


Fig.10

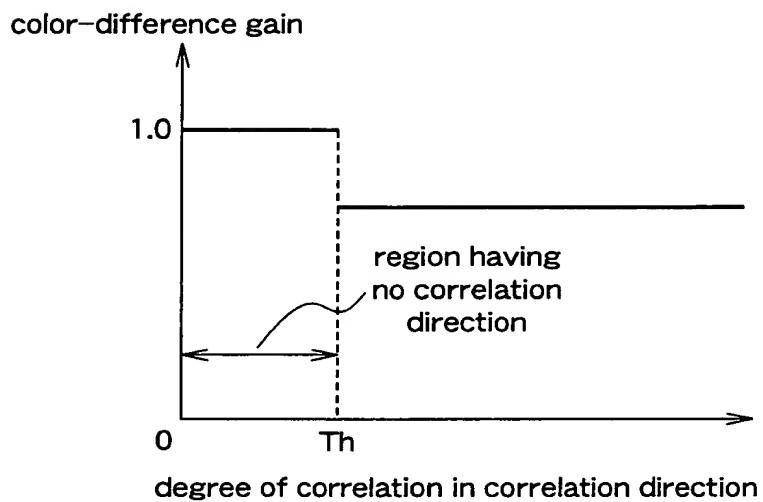


Fig.11

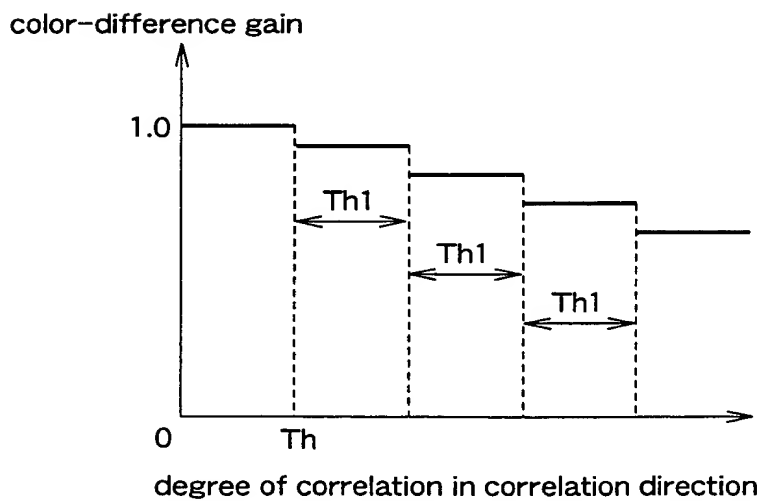


Fig.12

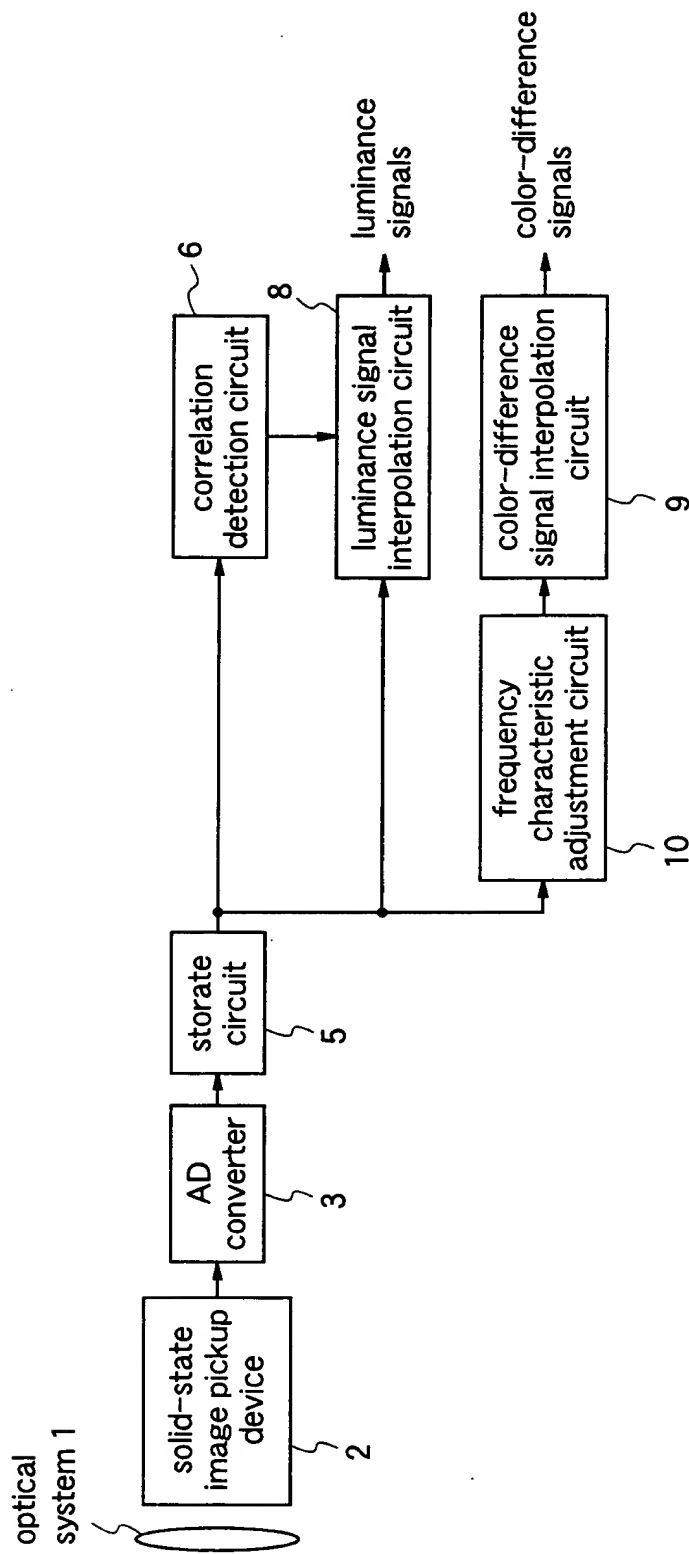
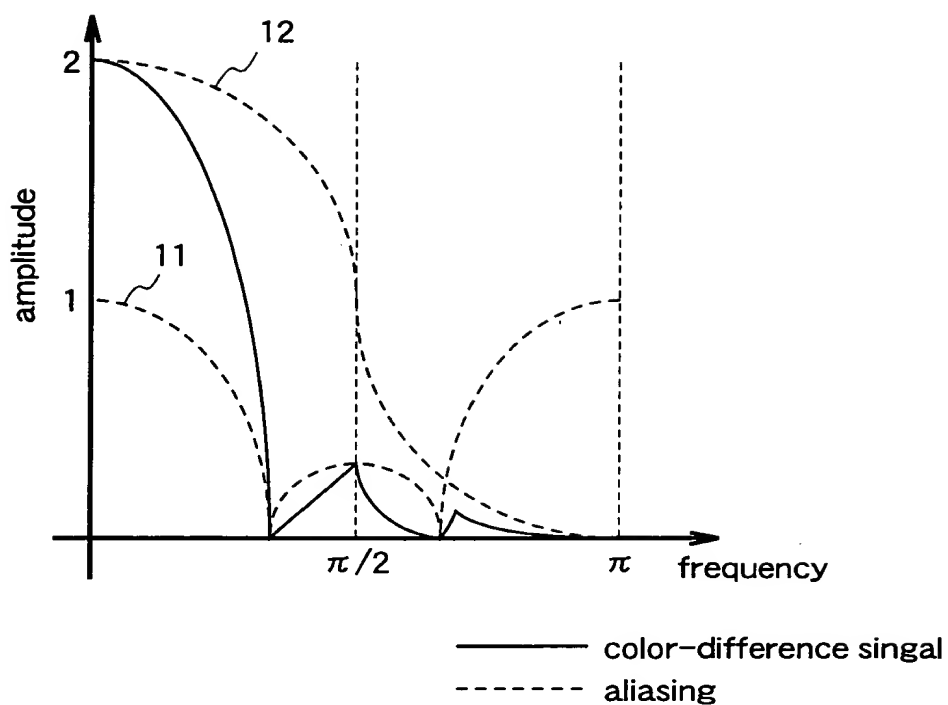


Fig.13

W00	Cy01	W02	Cy03	W04	Cy05	W06
Ye10	W11	Ye12	W13	Y14	W15	Ye16
W20	Cy21	W22	Cy23	W24	Cy25	W26
Ye30	W31	Ye32	W33	Ye34	W35	Ye36
W40	Cy41	W42	Cy43	W44	Cy45	W46

Fig.14



11 : amplitude characteristics in three-point average
for adjusting color-difference signal
frequency characteristics

12 : amplitude characteristics in straight interpolation
for color-difference signal interpolation

Fig.15

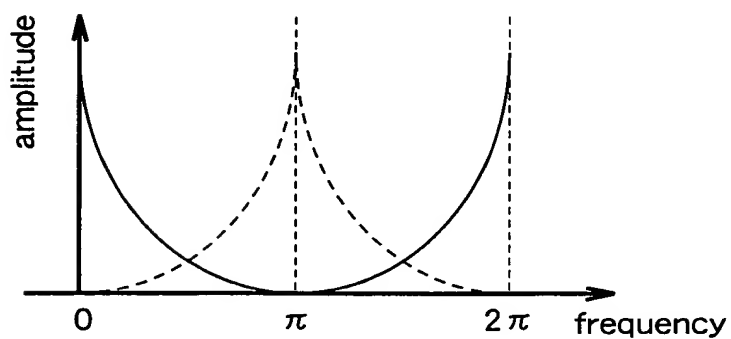


Fig.16

